

**RULE 63 (37 C.F.R. 1.63)  
DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

I, below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**RODENT DETECTION**

the specification of which (check applicable box(es)):

☐ is attached hereto  
☐ was filed on \_\_\_\_\_ as U.S. Application Serial No. \_\_\_\_\_ (Atty Dkt. No. 39-254)  
☒ was filed as PCT International application No. PCT/GB00/02892 on 27 July 2000  
and (if applicable to U.S. or PCT application) was amended on \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Priority Foreign Application(s):

Application Number	Country	Day/Month/Year Filed
<u>9917796.6</u>	<u>Great Britain</u>	<u>30 July 1999</u>

I hereby claim the benefit under 35 U.S.C. §11 9(e) of any United States provisional application(s) listed below.

Application Number	Date/Month/Year Filed
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I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below and, insofar as the subject matter of each of the claims of this application is not disclosed in such prior applications in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior applications and the national or PCT international filing date of this application:

Prior U.S.J13CT Application(s):

Application Serial No.	Day/Month/Year Filed	Status: patented pending, abandoned
<u>PCT/GB00/02892</u>	<u>27 July 2000</u>	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby appoint **NIXON & VANDERHYE P.C., 1100 North Glebe Rd., 8<sup>th</sup> Floor, Arlington, VA 22201-4714, telephone number (703) 816-4000 (to whom all communications are to be directed)**, and the following attorneys thereof (of the same address) individually and collectively owner's/owners' attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent: Arthur R. Crawford, 25327; Larry S. Nixon, 25640; Robert A. Vanderhye, 27076; James T. Hosmer, 30184; Robert W. Faris, 31352; Richard G. Besha, 22770; Mark E. Nusbaum, 32348; Michael J. Keenan, 32106; Bryan H. Davidson, 30251; Stanley C. Spooner, 27393; Leonard C. Mitchard, 29009; Duane M. Byers, 33363; Jeffrey H. Nelson, 30481; John R. Lastova, 33149; H. Warren Burnam, Jr. 29366; Thomas E. Byrne, 32205; Mary J. Wilson, 32955; J. Scott Davidson, 33489; Alan M. Kagen, 36178; Robert A. Molan, 29834; B. J. Sadoff, 36663; James D. Berquist, 34776; Updeep S. Gill, 37334; Michael J. Shea, 34725; Donald L. Jackson, 41090; Michelle N. Lester, 32331; Frank P. Presta, 19828; Joseph S. Presta, 35329; Joseph A. Rhoa, 37515; Raymond Y. Mah, 41426. I also authorize Nixon & Vanderhye to delete any attorney names/numbers no longer with the firm and to act and rely solely on instructions directly communicated from the person, assignee, attorney, firm, or other organization sending instructions to Nixon & Vanderhye on behalf of the owner(s).

1. Inventor's Signature: [Signature] Date: 16/4/02  
Inventor: Robert J Beynon British  
(first) (last) (citizenship)

Residence: (city) Prenton (state/country) Prenton, United Kingdom  
Post Office Address: 16 Stokesay, Prenton, Wirral, United Kingdom  
(Zip Code) CH43 7PU

2. Inventor's Signature: [Signature] Date: 16/4/02  
Inventor: Jane L Hurst British  
(first) (last) (citizenship)

Residence: (city) Prenton (state/country) Prenton, United Kingdom  
Post Office Address: 16 Stokesay, Prenton, Wirral, United Kingdom  
(Zip Code) CH43 7PU

F ADDITIONAL INVENTORS, check box X and attach sheet with same information and signature and date for each.

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ADDITIONAL INVENTORS

3. Inventor's Signature: D. Robertson Date: 16/4/02  
Inventor: Duncan H. L. Robertson British  
(first) MI (last) (citizenship)

Residence: (city) Manchester (state/country) Manchester, United Kingdom  
Post Office Address: 63 Vicars Road, Chorlton, Manchester, United Kingdom  
(Zip Code) M21 9JB

RECORDATION FORM COVER SHEET

PATENTS ONLY

Our Ref.: 39-254

Commissioner of Patents and Trademarks  
Assignment, Washington, D.C. 20231

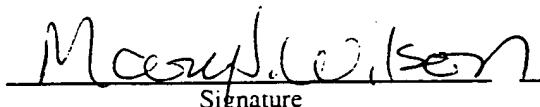
The Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Robert J. BEYNON Jane L. HURST Duncan H.L. ROBERTSON</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment      <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment      <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date: _____ April 16, 2002</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: THE UNIVERSITY OF LIVERPOOL Internal Address: Street Address: Senate House Abercromby Square</p> <p>City: Liverpool State/Country: Great Britain Zip: L69 3BX</p> <p>Additional name/s &amp; address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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<p>4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____</p> <table border="0"><tr><td style="vertical-align: top;"><p>A. Patent Application No(s). (1) 10/031,387 (2) (3)</p></td><td style="vertical-align: top;"><p>B. Patent No(s). (1) (2) (3)</p></td></tr></table> <p style="text-align: center;">Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		<p>A. Patent Application No(s). (1) 10/031,387 (2) (3)</p>	<p>B. Patent No(s). (1) (2) (3)</p>
<p>A. Patent Application No(s). (1) 10/031,387 (2) (3)</p>	<p>B. Patent No(s). (1) (2) (3)</p>		

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: _____ Mary J. Wilson</p> <p>Internal Address: _____</p> <p>Street Address: Nixon &amp; Vanderhye P.C. 1100 North Glebe Road 8<sup>th</sup> Floor</p> <p>City: Arlington State: VA Zip: 22201</p>	<p>6. Total number of applications &amp; patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>8. The Commissioner is hereby authorized to charge any <u>deficiency</u>, or credit any overpayment, in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our <b>Account No. 14-1140</b>.</p>
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DO NOT USE THIS SPACE

<p>9. Statements and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</p>		
<p>_____ Mary J. Wilson Name of Person Signing Reg. No. 32,955</p>	<p> _____ Signature</p>	<p>_____ May 6, 2002 Date</p>
<p>Total number of pages including <b>original</b> cover sheet, attachments, and document: [3]</p>		

MJW:tat

## ASSIGNMENT

WHEREAS, Robert Jeffrey Beynon, 16 Stokesay, Prenton, Wirral, CH43 7PU, United Kingdom, and Jane Louise Hurst, 16 Stokesay, Prenton, Wirral, CH43 7PU, United Kingdom, and Duncan Hugh Leslie Robertson, 63 Vicars Road, Chorlton, Manchester, M21 9JB, United Kingdom hereinafter referred to as Assignor, has made a new and useful invention in \_\_\_\_\_

**RODENT DETECTION**

for which Assignor has made or will make application for Letters Patent of the United States; and

WHEREAS, The University of Liverpool  
hereinafter referred to as Assignee, a corporation of United Kingdom,  
having a principal place of business at Senate House, Abercromby Street, Liverpool, L69 3BX  
desires to acquire \_\_\_\_\_ the entire right, title, and interest in, to and under said  
invention disclosed, described and claimed or intended so to be in said application, and in, to and  
under said application, and in, to and under any and all Letters Patent, United States and foreign,  
which may be obtained therefor and thereon;


NOW THEREFORE, To All Whom It May Concern, be it known that for and in consideration of the sum of One (\$1.00) Dollar and other good, valuable and sufficient considerations to Assignor in hand paid, the receipt of which is hereby acknowledged, Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto Assignee, \_\_\_\_\_, the entire right, title, and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application for United States Letters Patent executed by Robert Jeffrey Beynon this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, and Jane Louise Hurst this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, and Duncan Hugh Leslie Robertson this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, and any and all other applications thereon and arising therefrom, including any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof.

Assignor hereby authorizes and requests the firm of Nixon & Vanderhye P.C. of 8<sup>th</sup> Floor, 1100 North Glebe Road, Arlington, Virginia 22201-4714 to insert here in parentheses (Serial No. \_\_\_\_\_, Filed \_\_\_\_\_) the date and serial number of said application when officially known, and Assignor hereby authorizes and requests the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to Assignee, its assigns and legal, representatives.

Assignor agrees to sign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said invention in this and all foreign countries for the use of Assignee.

Signed at LIVERPOOL U.K. on 16/4/2002  
9:40

Signed at <sup>LIVERPOOL U.K.</sup> 09:42 on 16/4/2002

  
ROBERT JEFFREY BEYNON

  
JANE LOUISE HURST

Witness Sarathetharam

Sarah E. Thano  
Witness

Witness [Signature]

Witness J. Bryant

Signed at <sup>LIVERPOOL U.K</sup> 13th 9-41 on 16/4/2002

D. Roberts  
DUNCAN HUGH LESLIE ROBERTSON

Sargheethano  
Witness

[Signature]  
Witness

Applicant or Patentee: BEYNON, R. et al.

Attorney's

Serial or Patent No.: 10/031,387Dkt. No.: 39-254

Filed or Issued: \_\_\_\_\_

For: RODENT DETECTIONVERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS (37 CFR 1.27(a)(3)) -  
NONPROFIT ORGANIZATION

I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below:

NAME OF ORGANIZATION THE UNIVERSITY OF LIVERPOOLADDRESS OF ORGANIZATION Senate House, Abercromby Square, Liverpool L69 3BX Great Britain

## TYPE OF NONPROFIT ORGANIZATION

- ☒ University or other institution of higher education
- ☐ Tax exempt under Internal Revenue Service Code (26 U.S.C. 501(a) and 501(c)(3))
- ☐ Nonprofit scientific or educational under statute of state of The United States of America  
(Name of state \_\_\_\_\_)  
(Citation of statute \_\_\_\_\_)
- ☐ Would qualify as tax exempt under Internal Revenue Service Code (26 U.S.C. 501(a) and 501(c)(3)) if located in the United States
- ☐ Would qualify as nonprofit scientific or educational under statute of state of The United States of America if located in The United States of America  
(Name of state \_\_\_\_\_)  
(Citation of statute \_\_\_\_\_)

I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.27(a)(3) for purposes of paying reduced fees to the United States Patent and Trademark Office regarding the invention described in:

- ☐ the specification filed herewith with title as listed above.
- ☒ application identified above.
- ☐ the patent identified above.

I hereby declare that rights under contract or law have been conveyed to and remain with the nonprofit organization with regard to the above identified invention. If the rights held by the nonprofit organization are not exclusive, each person, concern or organization having rights to the invention is listed below\* and no rights to the invention are held by any person who could not qualify as a person under 37 CFR 1.27(a)(1), or by any concern which would not qualify as a small business concern under 37 CFR 1.27(a)(2), or a nonprofit organization under 37 CFR 1.27(a)(3).

Name \_\_\_\_\_

Address \_\_\_\_\_

☐ Person      ☐ Small Business Concern      ☐ Nonprofit Organization

Name \_\_\_\_\_

Address \_\_\_\_\_

☐ Person      ☐ Small Business Concern      ☐ Nonprofit Organization

\*Separate verified statement is requested from each person, concern or organization named immediately above having rights to the invention, averring to his/her/its status as a small entity. (37 CFR 1.27)

I acknowledge the duty to file, in this application of patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.27(g)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF INDIVIDUAL SIGNING BARRY HEWITSONTITLE IN ORGANIZATION SENIOR ASSISTANT REGISTRARADDRESS OF INDIVIDUAL SIGNING THE UNIVERSITY OF LIVERPOOL, SENATE HOUSE, LIVERPOOL L69 3BXSIGNATURE DATE 7. May '02 U.K.